

Abstract

A power plant and driveline arrangement for a vehicle having at least two wheel units and a body supported on the wheel units generally consisting of an engine supported on the body; a transmission supported on such body disposed on the underside of the engine; a first transfer case for transferring drive from an output shaft of the engine to an input shaft of the transmission; a second transfer case for transferring drive from an output shaft of the transmission to forwardly and rearwardly projecting output shafts; a first wheel carrier supported on the body forwardly of the second transfer case, having an input shaft drivingly coupled to the forwardly projecting output shaft of the second transfer case, and a pair of laterally projecting half shafts operatively connected to the wheels of the first wheel units; and a second wheel carrier supported on the body rearwardly of the second transfer case, having an input shaft drivingly coupled to the rearwardly projecting output shaft of the second transfer case, and a pair of laterally projecting half shafts operatively connected to the wheels of a second wheel unit.